

DATE: 07-02-2018  
 TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 1,274

COLLEGE : J - Engineering  
 DEPARTMENT: ELECTRICAL ENGR

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D				S H F				V L E E W				RESPONS COURSE	JOINT COURSES	O M I T	
				-ALL U	GRD	E	D	U N E	M R E	P & A	N W	C T	M S	E C	Q P				R S
E E 135	DIGITAL MULTIMEDIA The Digital World of Multimedia	WIN/2009 - SUM/2018	4.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	.
				LAST UPDT: 4/19/18 APPROVED:11/18/08 DROPPED: 4/17/18															
E E 205	INTRO SIGNAL COND Introduction to Signal Conditioning	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/22/16 APPROVED:11/17/09															
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081															
E E 215	INTRO TO E E Fundamentals of Electrical Engineering	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	.
				LAST UPDT:11/24/15 APPROVED: 3/15/99															
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081															
E E 233	CIRCUIT THEORY Circuit Theory	AUT/1992 - SUM/2018	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/22/18 APPROVED: 2/03/92															
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081															
E E 233	CIRCUIT THEORY Circuit Theory	AUT/2018 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/22/18 APPROVED: 2/03/92															
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081															
E E 235	CT LINEAR SYSTEMS Continuous Time Linear Systems	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/24/15 APPROVED: 3/31/92															
				FEE TYPE:1 \$35.00 BUDGET:069330 REV OBJ CD:943081															
E E 271	DIGITAL CIR & SYSTE Digital Circuits and Systems	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/24/15 APPROVED:12/06/91															
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081															
E E 299	INTRO TPCS E E Introductory Topics in Electrical Engineering	WIN/2014 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/16/13															
				COMMENT:CHG TITLES, MAX CREDITS															
E E 331	DEVICES/CIRCUITS I Devices and Circuits I	AUT/1996 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15 APPROVED:12/06/91															
				COMMENT:CHANGE DESCRIPTION															
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081															



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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
E E 406	ENGR DES FOR K-12 Engineering Design for K-12 Outreach	AUT/2006 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/01/06		APPROVED: 4/28/06											
E E 415	COMP AID SYS DESIGN Computer-Aided System Analysis and Design	WIN/1988 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLES			LAST UPDT:10/16/06		APPROVED: 2/20/69											
E E 416	RANDOM SIGNALS Random Signals for Communications and Signal Processing	AUT/2006 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLES			LAST UPDT: 3/21/06		APPROVED:10/23/97											
E E 417	MOD WIRELESS COMMS Modern Wireless Communications	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/15/17		APPROVED: 6/03/71											
E E 418	NETWK SECR & CRYPTOG Network Security and Cryptography	AUT/2004 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT: CHANGE PREREQ			LAST UPDT:10/16/06		APPROVED: 6/03/71											
E E 419	INTRO COMP NETWORKS Introduction to Computer-Communication Networks	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/11/18		APPROVED: 3/28/91											
E E 420	DESIGN IN COMM Design in Communications	WIN/1998 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/02/97		APPROVED:10/23/97											
E E 421	QUANTUM MECH ENGRS Quantum Mechanics for Engineers	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/12/17		APPROVED:11/14/17											
E E 423	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E 423	BIOEN 423	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 9/19/14		APPROVED:11/17/09		CSE		486							
E E 424	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 424	CSE	487	.
	COMMENT:EMAIL PREQ CHG, CHG DESC			LAST UPDT: 3/21/16		APPROVED:11/17/09		BIOEN		424							





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 DEPARTMENT: ELECTRICAL ENGR

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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P				R	G		
E E	461	INTRO COMP NETWORKS Introduction to Computer-Communication Networks	AUT/2008 - SUM/2018	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.				
				COMMENT:CHG DSCRPT,JT STATUS,DESCRIPT		LAST UPDT: 6/11/18		APPROVED: 3/28/91													
E E	462	EM I: MWAVE ENGR Electromagnetics I: Microwave Engineering	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.				
				LAST UPDT: 8/19/15		APPROVED: 1/20/93															
E E	463	MICROWAVE ELEC DESN Microwave Electronic Design	SPR/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.				
				LAST UPDT:11/30/16																	
E E	464	ANTENNAS Antennas: Analysis and Design	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.				
				LAST UPDT: 8/19/15		APPROVED: 1/29/70															
E E	465	FIBER OPT DEV & APP Fiber Optics, Devices, and Applications	WIN/2013 - SUM/2018	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.				
				COMMENT:EMAIL PREQ CHG		LAST UPDT: 4/19/18		APPROVED: 4/05/88		DROPPED: 4/17/18											
E E	466	NEUROCOMP/ENGR LAB Neural Computation and Engineering Laboratory	SPR/2019 - AUT/9999	3.0	.	.	.	Y	.	Y	.	.	.	.	NBIO	405	BIOEN	466	.		
				LAST UPDT: 6/11/18		APPROVED: 1/19/16		FEE TYPE:1		\$110.00 BUDGET:069241		REV OBJ CD:943081		NBIO		405					
E E	469	COMPUTER ARCH I Computer Architecture I	WIN/2016 - AUT/9999	5.0	.	.	.	Y	.	.	.	.	.	.	E E	469	CSE	469	.		
				LAST UPDT: 6/05/15		APPROVED: 6/23/83		FEE TYPE:1		\$50.00 BUDGET:069330		REV OBJ CD:943081									
E E	470	COMPUTER ARCH II Computer Architecture II	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	CSE	470	CSE	470	.		
				LAST UPDT: 2/10/16		APPROVED: 5/29/92															
E E	473	LINEAR IC DESIGN Linear Integrated Circuits	AUT/2007 - AUT/9999	5.0	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	.		
				COMMENT:CHG CREDITS		LAST UPDT: 7/23/15		APPROVED: 5/30/22		FEE TYPE:1		\$35.00 BUDGET:069330		REV OBJ CD:943081							
E E	474	INTRO EMBEDDED SYS Introduction to Embedded Systems	WIN/2016 - AUT/9999	4.0	.	.	.	Y	.	.	.	.	.	.	CSE	474	CSE	474	.		
				LAST UPDT: 6/05/15		APPROVED:12/01/99		FEE TYPE:1		\$50.00 BUDGET:069645		REV OBJ CD:943081									

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				-ALL U	GRD		U	N	E	P	& N	C	M	S			
E E 475	EMBEDDED CAPSTONE Embedded Systems Capstone	WIN/2016 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	E E 475 CSE	475	.	
				LAST UPDT: 6/05/15 APPROVED: 6/01/84													
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
E E 476	DIG INT CIRCUIT DES Digital Integrated Circuit Design	WIN/2015 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.			.	
				LAST UPDT: 9/29/14													
				COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
E E 477	VLSI II VLSI II	WIN/2015 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.			.	
				LAST UPDT: 9/29/14 APPROVED: 2/23/96													
				COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
E E 482	SEMICONDCTR DEVICES Semiconductor Devices	WIN/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.			.	
				LAST UPDT: 5/31/12 APPROVED: 5/24/93													
				COMMENT:EMAIL PREQ CHG													
E E 483	NANOTECH DESIGN Nanotechnology Design	WIN/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.			.	
				LAST UPDT:12/16/16 APPROVED:12/13/16													
E E 484	SENSRS/SENSR SYSTMS Sensors and Sensor Systems	SPR/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.			.	
				LAST UPDT: 1/23/12 APPROVED: 2/25/00													
				COMMENT:EMAIL PREQ CHG													
E E 485	INTRO TO PHOTONICS Introduction to Photonics	WIN/2007 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.			.	
				LAST UPDT: 1/16/13 APPROVED: 3/31/98													
				COMMENT:CHG PREREQ, DESC													
E E 486	IC TECHNOLOGY Fundamentals of Integrated Circuit Technology	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	MSE 486 MSE	486	.	
				LAST UPDT: 3/16/16 APPROVED: 1/03/01													
E E 488	PHOTONICS CAPSTONE Photonics Design Capstone	SPR/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.			.	
				LAST UPDT: 6/04/14 APPROVED: 6/03/14													

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T	
				-ALL	U		GRD	E	U	N	E	P	&	N				C
E E	490 READINGS & RESEARCH Reading and Research	SUM/2008 - AUT/9999	1.0-05.0	25.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
E E	491 UNDERGRAD SEMINAR Undergraduate Seminar	WIN/2009 - AUT/9999	1.0	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
E E	492 LEADERSHIP SEMINAR Electrical Engineering Leadership Seminar	WIN/2017 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.
E E	496 ENGR ENTRE SYS & DES Engineering Entrepreneurial Systems and Design	AUT/2017 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
E E	497 ENTREP CAPSTONE Engineering Entrepreneurial Capstone	SUM/2018 - SPR/2020	4.0	.	.	12	.	.	.	.	.	.	.	.	.	.	.	.
E E	498 ENTREP CAPSTONE Engineering Entrepreneurial Capstone	AUT/2018 - SPR/2020	4.0	.	.	22	.	.	.	.	.	.	.	.	.	.	.	.
E E	499 UG RSCH-SP PROJECT Undergraduate Research and Special Projects	WIN/2017 - AUT/9999	1.0-05.0	10.0	Y	.	.	.	.	.	.	.	.	.	.	.	.	.
E E	500 GRADUATE SEMINAR Graduate Seminar	AUT/2008 - AUT/9999	1.0	9.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
E E	503 MODELING OF MEMS Modeling of MEMS	WIN/2007 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
E E	504 INTRO TO MEMS Introduction to Microelectro Mechanical Systems	SPR/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
E E	505 PROB & RAND PROCESS Probability and Random Processes	SUM/1999 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

COMMENT:CHANGE TITLE & PREREQS



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						-ALL	U		GRD	E	U	N	E	P	&	N			
E E	506	FUND OF WIRE COMM Fundamentals of Wireless Communication	AUT/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/08/17																			
E E	507	ADV WIRELESS SYS Advanced Wireless Systems	SUM/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/09/17																			
E E	508	STOC PROC IN ENGR Stochastic Processes in Engineering	WIN/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	508	IND E 508	.
LAST UPDT: 3/04/16 APPROVED: 7/16/70																			
COMMENT:CHG TTL,DSC,PREQ, ADD JT STAT																			
E E	510	MATH FOUND SYST THR Mathematical Foundations of Systems Theory	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	510	A A 510	.
LAST UPDT: 7/31/14 APPROVED:10/24/91																			
COMMENT:14-16 PREQ CHG																			
CHEM E 510 M E 510																			
E E	511	STAT LEARNING Introduction to Statistical Learning	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 9/28/04 APPROVED: 8/20/04																			
E E	512	GRAPHICAL MODELS Graphical Models in Pattern Recognition	SPR/2006 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 9/28/04 APPROVED: 8/20/04																			
E E	514	INFO THEORY I Information Theory I	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 8/24/04 APPROVED: 8/20/04																			
E E	515	INFO THEORY II Information Theory II	SPR/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 8/24/04 APPROVED: 8/20/04																			
E E	516	COMP SPEECH PROC Computer Speech Processing	WIN/2001 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/29/00 APPROVED: 6/28/00																			
E E	517	CON-SPACE PROC Continuous-Space Language Processing	WIN/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P			
E E 518	DIGITAL SIGNAL PROC Digital Signal Processing	AUT/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/21/15		APPROVED: 3/18/71											
E E 519	STOCHASTIC ANALYSIS Stochastic Analysis of Data From Physical Systems	SPR/1982 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/17/06		APPROVED: 6/03/71											
				COMMENT:CHG TITLES, CRDT, DESC													
E E 520	SPCTR ANLYS TME SER Spectral Analysis of Time Series	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	STAT 520	STAT 520	.	.
				LAST UPDT: 3/15/16		APPROVED: 6/01/81											
				COMMENT:14-16 PREQ CHG													
E E 521	QUANTUM MECH ENGRS Quantum Mechanics for Engineers	AUT/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/10/11		APPROVED: 5/17/11											
E E 523	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E 523	BIOEN 523	.	.
				LAST UPDT: 9/28/16		APPROVED:11/17/09											
				CSE 586 MOLENG 525													
E E 524	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 524	CSE 587	.	.
				LAST UPDT: 3/21/16		APPROVED:11/17/09											
				COMMENT:CHG DESC													
E E 525	VLSI II VLSI II	WIN/2001 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15		APPROVED: 8/23/00											
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
E E 526	VLSI III VLSI III	SPR/2001 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15		APPROVED:											
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
				COMMENT:WAS E E 535													
E E 527	MICROFABRICATION Microfabrication	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/31/14		APPROVED: 1/31/91											
				COMMENT:14-16 PREQ CHG													

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
E E	528 PHYSICS VLSI FAB Physics and Modeling of VLSI Fabrication	AUT/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	528 MSE	528	.
				LAST UPDT:10/21/16		APPROVED: 5/23/05											
E E	529 SEMICOND OPTOELEC Semiconductor Optoelectronics	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	529 MSE	529	.
				LAST UPDT:12/20/15													
E E	530 WAVELETS Wavelets: Data Analysis, Algorithms, and Theory	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	STAT	530 STAT	530	.
				LAST UPDT: 3/22/16		APPROVED: 1/24/96		COMMENT:14-16 PREQ CHG									
E E	531 SEMI DEV&DEV SIMUL Semiconductor Devices and Device Simulation	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/31/14		APPROVED: 6/09/88		COMMENT:14-16 PREQ CHG									
E E	533 PHOTODETECTION Photodetectors and Photodetection	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/31/14		APPROVED: 5/14/70		COMMENT:14-16 PREQ CHG									
E E	534 POWER ELECTRONICS Power Electronics	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/31/14		APPROVED: 6/01/78		COMMENT:14-16 PREQ CHG									
E E	536 ANALOG IC SYSTEMS Design of Analog Integrated Circuits and Systems	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/31/14		APPROVED: 4/28/86		COMMENT:14-16 PREQ CHG									
E E	537 COMP METHOD SIMULAT Computation Methods for Circuit Analysis and Simulation	WIN/1994 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/27/93		APPROVED:10/27/93											
E E	538 TOP ELECT CIR DES Topics in Electronic Circuit Design	AUT/2014 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/31/14		APPROVED: 3/02/72		COMMENT:14-16 PREQ CHG									

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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P			
E E	539 TPCS IN SOLID STATE Advanced Topics in Solid-State Electronics	AUT/2014 - AUT/9999	1.0-05.0	16.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG																
E E	541 AUTOMATIC LAYOUT Automatic Layout of Integrated Circuits	WIN/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG PREQ																
E E	542 ADV EMBD SYS DESIGN Advanced Embedded Systems Design	AUT/2006 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG																
E E	543 ROBOT MANIPULATION Models of Robot Manipulation	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG																
E E	546 CONTROL SYS THEORY Advanced Topics in Control System Theory	SPR/2010 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG MAX. CREDITS																
E E	547 LINEAR SYSTEMS Linear Systems Theory	AUT/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	547 M E	547	.
	COMMENT:WAS EE548; CHG PREREQ,JOINT#														A A	547	
E E	548 LIN MULTVAR CONTROL Linear Multivariable Control	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	548 A A	548	.
	COMMENT: CHG PREREQ														M E	548	
E E	549 ST EST & KALMAN FLTR Estimation and System Identification	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	549 A A	549	.
	COMMENT:EMAIL PREQ CHG														M E	549	
E E	550 NONLIN OPT CONTROL Nonlinear Optimal Control	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	550 A A	550	.
	COMMENT:14-16 PREQ CHG														M E	550	

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
E E 551	WIND ENERGY Wind Energy	SPR/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/26/10		APPROVED: 5/18/10											
E E 552	POWER SYS CONTROL Power Systems Dynamics and Control	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 5/01/83											
E E 553	POWE SYS ECONOMICS Power System Economics	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 2/21/95											
E E 554	LARGE ELEC ENRG SYS Large Electric Energy Systems Analysis	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 6/01/85											
E E 556	POWER GRID Anaylzing the Power Grid	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/04/14		APPROVED: 6/03/14											
E E 557	DYN CONTROLLED SYS Dynamics of Controlled Systems	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/04/14		APPROVED: 6/03/14											
E E 558	DISTRIB AUTOMATION Substation and Distribution Automation	WIN/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/27/14		APPROVED: 6/03/14											
E E 559	TOPICS ELEC ENERGY Special Topics in Electrical Energy Systems	AUT/2014 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 9/18/80											
E E 560	ADV MACHINES DRIVES Advanced Electric Machines and Drives	AUT/2014 - SUM/2018	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/15/18		APPROVED: 6/03/14											
E E 562	AI FOR ENGINEERS Artificial Intelligence for Engineers	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 4/01/85											

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				-ALL U	GRD		U N E	P	N	C	M	S	N				
E E	563 SUBMODULAR OPT Submodular Functions, Optimization, and Applications	SPR/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/22/18		APPROVED: 2/20/18											
E E	565 COMPUT-COMM NETS I Computer-Communication Networks I	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 6/12/86											
E E	566 COMPUT-COMM NETS II Computer-Communication Networks II	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 6/12/86											
E E	567 MOBILE NETWORKS Mobile Networks	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/08/17		APPROVED: 8/20/04											
E E	568 DIGITAL IMAGE PROC Digital Image Processing	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/21/15		APPROVED: 9/01/87											
E E	570 MANIFOLDS AND GEOM Manifolds and Geometry for Systems and Control	AUT/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A	570 A A	570	.
				LAST UPDT: 4/05/07		APPROVED: 2/21/07											
E E	571 HIGH FREQ CIRCUITS High Frequency Circuits and Antennas: Computation of Fields and Waves	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED: 5/01/90											
E E	572 EM I: MWAVE ENGR Electromagnetics I: Microwave Engineering	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/19/15													
E E	573 ELECTROMAGNETICS II Electromagnetics II	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/19/15													
E E	574 ANTENNAS Antennas: Analysis and Design	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/23/15		APPROVED: 9/15/15											

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				-ALL U	GRD		U N E	P & N C M S N	A S W T P R G	P	S	D	H	M			
E E	575 RADAR REMOTE SENS Radar Remote Sensing	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 8/19/15 APPROVED: 4/17/95																	
E E	576 COMPUTER VISION Computer Vision	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CSE	576 CSE	576	.
COMMENT:14-16 PREQ CHG																	
LAST UPDT: 3/23/16 APPROVED: 6/22/89																	
E E	577 COMPUTER VISION Special Topics in Computer Vision	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CSE	577 CSE	577	.
COMMENT:14-16 PREQ CHG																	
LAST UPDT: 7/31/14 APPROVED: 4/28/03																	
E E	578 CONVEX OPTIMIZATION Convex Optimization	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	578 M E	578	.
LAST UPDT: 5/31/18 APPROVED: 3/29/05																	
CSE 578 A A 578																	
E E	579 TOPICS/EM,OPT,ACOUS Advanced Topics in Electromagnetics, Optics, and Acoustics	AUT/2014 - AUT/9999	1.0-05.0 16.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG																	
LAST UPDT: 7/31/14 APPROVED: 3/20/86																	
E E	580 GEOMETRIC METHODS Geometric Methods for Non-Linear Control Systems	SPR/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A	580 M E	580	.
LAST UPDT: 2/25/16 APPROVED: 2/21/07																	
A A 580																	
E E	581 DIGITAL CONTROL SYS Digital Control System Design	WIN/2017 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	M E	581 A A	581	.
LAST UPDT: 6/13/16 APPROVED: 4/29/96																	
FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081																	
M E 581																	
E E	582 DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	M E	582 A A	582	.
LAST UPDT: 3/22/16 APPROVED: 4/29/96																	
COMMENT:CHG TITLES, DESCRIP, PREREQ																	
M E 582																	
E E	583 NONLINEAR CONTR SYS Nonlinear Control Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	583 M E	583	.
LAST UPDT:10/18/06																	
COMMENT:CHANGED JOINT STATUS,DESCR,PRE																	
A A 583																	







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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
EE P 500	GRADUATE SEMINAR Graduate Seminar	AUT/2018 - AUT/9999	1.0-03.0	9.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		4/19/18	APPROVED:		4/17/18								
EE P 502	ANALYTICAL METHODS Analytical Methods for Electrical Engineering	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		4/19/18	APPROVED:		4/17/18								
EE P 522	EMBED & RL TIME SYST Embedded and Real Time Systems	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		6/11/18	APPROVED:		6/05/18								
EE P 524	APPLIED GPU CMPTG Applied High-Performance GPU Computing	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		6/11/18	APPROVED:		6/05/18								
EE P 532	DIGT & ANLG ELC CRTS Design of Digital and Analog Electronic Circuits	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		6/11/18	APPROVED:		6/05/18								
EE P 545	AI MOBILE ROBOTS The Self Driving Car: Introduction to AI for Mobile Robots	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		4/19/18	APPROVED:		4/17/18								
EE P 547	LINEAR SYSTEMS Linear Systems Theory	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		6/11/18	APPROVED:		6/05/18								
EE P 560	ADV MACHINES DRIVES Advanced Electric Machines and Drives	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		4/19/18	APPROVED:		6/03/14								
EE P 598	ADV TOPICS EE Advanced Topics in Electrical Engineering	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		4/19/18	APPROVED:		4/17/18								
EE P 599	RESEARCH IN EE Research in Electrical Engineering	AUT/2018 - AUT/9999	1.0-04.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:		4/27/18	APPROVED:		4/17/18								